



Michigan Flu Focus

Weekly Influenza Surveillance Report

August 8, 2025

Vol. 22; No. 36

Week Ending August 2, 2025 | WEEK 31

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Michigan 2024-2025 Season Overview

Outbreaks – **191** (40C, 15N, 92SE, 44SW) congregate setting influenza outbreaks were reported.

Outpatient ILI (ILINet) – Michigan's ILI activity peaked during **Week 7** (Week Ending Feb 15) at **10.6%** and was above baseline for **15** weeks.

Laboratory – **1,312** influenza positive results were reported by the MDHHS Bureau of Laboratories.

Hospitalizations – **1,926** (203 pediatric, 1,723 adult) FluSurv-NET hospitalizations were reported in the catchment area between October 1st, 2024 and April 30th, 2025.

Pediatric flu deaths – **14** influenza-associated pediatric deaths have been confirmed by MDHHS for the 2024-2025 season.

Updates of Interest

The Michigan Department of Health and Human Services (MDHHS) has confirmed two additional influenza-associated pediatric deaths that occurred during Week 9. Both were infected with influenza A. This brings the current confirmed total to fourteen (14) in Michigan for the 2024-2025 season.

Novel Influenza A Viruses

Nationally, **56** human infections with novel influenza A viruses were reported for the 2024-2025 season.

- 1 H1N2v
- 56 H5

For more info, visit the [CDC FluView Interactive](#) Highly Pathogenic Avian Influenza (HPAI)

Please see the [MDHHS Highly Pathogenic Avian Influenza \(HPAI\) Evaluation and Monitoring Protocol](#) for guidance on appropriate human health measures in the event that people are exposed to infected or dead birds or livestock due to HPAI.

For the current status of HPAI in Michigan, please visit the [MDARD Avian Flu Website](#).

Swine Variant Influenza

Fair season is here! The MDHHS [Swine Variant Influenza Toolkit](#) and [Templates](#) will help LHDs in planning for and responding to suspected influenza outbreaks associated with swine at agricultural fairs and exhibits.

Flu Bytes

[MDHHS continues to recommend COVID-19 vaccination for everyone 6 months and older](#)

"There is strong evidence that supports COVID-19 vaccination during pregnancy and for pediatric patients," said Dr. Natasha Bagdasarian, chief medical executive. "Recent data from the [Centers for Disease Control and Prevention](#) show that children under 6 months of age are at the highest risk for hospitalization, and that more than 40% of those hospitalized had no underlying conditions. The COVID-19 vaccine is the best way to prevent complications of infection. We urge Michigan residents talk to their health care providers about getting vaccinated."

Influenza News Blast

- [Companies start flu vaccine shipments ahead of 2025-26 season \(CIDRAP\)](#)
- [UofM Study: mRNA COVID vaccines cost-effective for US seniors, and under some scenarios, younger adults \(CIDRAP\)](#)
- [Data show good flu vaccine efficacy in pregnant, nonpregnant women and older adults \(CIDRAP\)](#)
- [Air, wastewater may play roles in H5N1 transmission on dairy farms \(CIDRAP\)](#)

Congregate Setting Respiratory Virus Outbreaks

There were **0** influenza outbreaks reported to MDHHS during this time period. Respiratory virus outbreaks for the 2025 summer season are summarized below.

Number of Congregate Setting Outbreaks by Region

	C	N	SE	SW	Summer 2025 Total	2024-25 Season Total
Schools: K-12 & College	0	0	0	0	0	25
Long-term Care / Assisted Living Facility	0	0	0	0	0	143
Healthcare Facility	0	0	0	0	0	7
Daycare	0	0	0	0	0	7
Homeless Shelter	0	0	0	0	0	1
Correctional Facility	0	0	0	0	0	3
Other	0	0	0	0	0	5
Summer 2025 Total	0	0	0	0	0	
2024-25 Season Total	40	15	92	44		191

Note: Data are reported on laboratory confirmed influenza outbreaks. Non-flu, non-COVID outbreaks and ILI outbreaks without confirmatory influenza testing are not reported above.

Did you know?

Congregate setting outbreaks of viral respiratory illnesses are required to be reported to your local health department. See:

- [Influenza Guidance for Healthcare Providers](#)
- [Guidelines for Influenza and Respiratory Virus Outbreaks in Long-Term Care Facilities](#)

Outbreak Response Resources:

- [MDHHS Guidelines for Influenza and Respiratory Virus Outbreaks in Long-Term Care Facilities](#)
- [MDHHS Respiratory Illness Outbreak Response Tool for use in Skilled Nursing Facilities](#)
- [CDC Viral Respiratory Pathogens Toolkit for Nursing Homes](#)

U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)

Become an ILINet provider!

ILINet providers may be healthcare clinicians from any specialty (e.g. family practice, pediatrics, internal medicine) and nearly any setting (e.g. private practice, emergency room, urgent care, school health center) who are likely to see patients with influenza-like illness.

For more information on how to enroll, contact Arianna Eaton at EatonA4@michigan.gov.

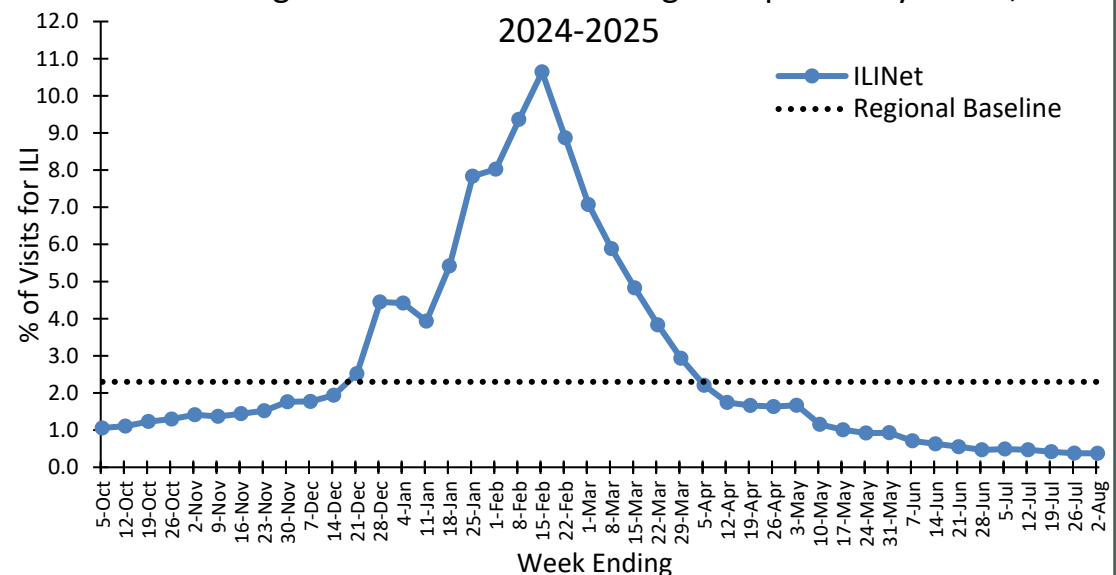
Number of Reports and ILI % by Region in Michigan during this time period:

	C	N	SE	SW
No. of Reporters, Total (290)	112	32	111	35
ILI %	0.3	0.8	0.5	0.4

Michigan ILI Activity: 0.4% (Last Week: 0.4%) A total of **520** patient visits due to ILI were reported out of **138,432** outpatient visits during this time period.

*Regional baseline is developed by calculating the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons and adding two standard deviations

Percentage of Visits for ILI in Michigan Reported by ILINet, 2024-2025



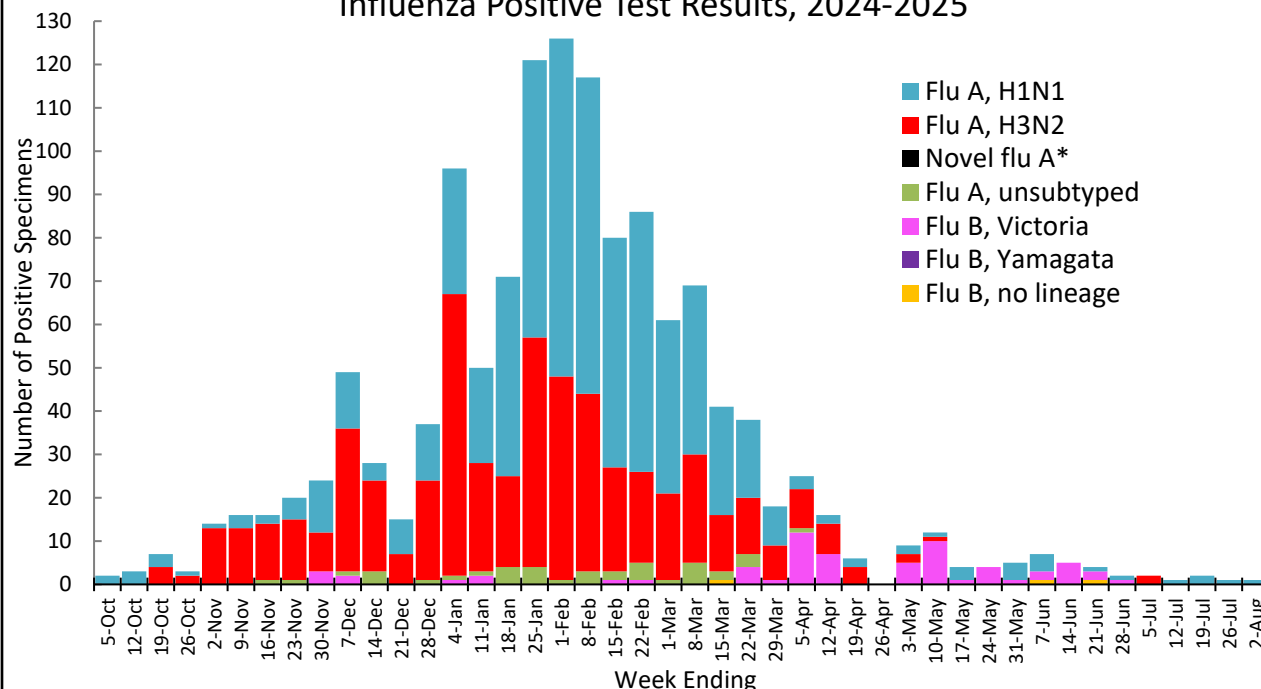
Note: ILINet monitors visits for ILI (fever and cough and/or sore throat) and may capture patient visits due to other respiratory pathogens that cause similar symptoms.

MDHHS Bureau of Laboratory (BOL) Data

There was **1** (0C, 0N, 1SE, 0SW) positive influenza result reported by the MDHHS Bureau of Laboratories (BOL) during this time period.

Number of Positive Influenza Results by Region

	C	N	SE	SW	Summer 2025 Total	2024-25 Flu Season Total
Flu A H1N1	2	0	7	6	15	639
Flu A H3N2	0	0	2	0	2	551
Novel flu A*	0	0	0	0	0	0
Flu A unsubtype	0	0	0	0	0	39
Flu B Victoria	3	0	6	6	15	50
Flu B Yamagata	0	0	0	0	0	0
Flu B no lineage	0	0	0	1	1	1
Summer 2025 Total	5	0	15	12	32	
2024-25 Season Total	309	50	436	485		1,280

Influenza Positive Test Results, 2024-2025**Michigan Sentinel Clinical Lab Network
Respiratory Virus Data**

Six (6) sentinel clinical labs (3C, 1N, 1SE, 1SW) reported during weeks ending 7/12/2025-8/2/2025.

	Southeast Region	Central Region
Influenza A:	Sporadic	Sporadic
Influenza B:	No activity	Sporadic
Parainfluenza:	Low	Low
RSV:	Sporadic	No activity
Adenovirus:	Sporadic - low	Sporadic
hMPV:	Sporadic - low	Sporadic - low

	Southwest Region	North Region
Influenza A:	No activity	No activity
Influenza B:	No activity	Sporadic
Parainfluenza:	Sporadic	Sporadic - low
RSV:	No activity	No activity
Adenovirus:	No activity	No activity
hMPV:	No activity	Sporadic

**National Respiratory and Enteric Virus
Surveillance System (NREVSS)**

The [National Respiratory and Enteric Virus Surveillance System \(NREVSS\)](#) is a laboratory-based system that monitors temporal and geographic circulation patterns (patterns occurring in time and place) of various viruses. Participating U.S. laboratories voluntarily report the total number of weekly aggregate tests performed and the weekly aggregate positive tests.

NREVSS monitors the following respiratory viruses:

- SARS-CoV-2
- RSV
- Influenza
- Parainfluenza (1-4)
- Human metapneumovirus
- Rhinovirus/enterovirus
- Adenovirus
- Human coronaviruses

Influenza Hospitalization Surveillance Network (FluSurv-NET)

The CDC's [Influenza Hospitalization Surveillance Network \(FluSurv-NET\)](#) provides population-based rates of laboratory-confirmed influenza-associated hospitalizations. Michigan participates in FluSurv-NET for Clinton, Eaton, Genesee, Ingham, and Washtenaw Counties. (Livingston County was piloted during the 2024-2025 season). **FluSurv-NET has concluded on April 30th, 2025 for the 2024-2025 season and will resume October 1st, 2025.**

MDHHS Respiratory Illness Dashboard

The MDHHS [Respiratory Illness Dashboard](#) provides seasonal data on emergency department (ED) visits, and hospital admissions associated with acute respiratory diseases including COVID-19, influenza and RSV. The hospital admission data are reported to MDHHS from over 90% of hospitals in the state.

Mortality Surveillance

Pneumonia & Influenza (P&I) Mortality Surveillance

Michigan Department of Health and Human Services Vital Records and Health Statistics provides pneumonia & influenza mortality data based on death certificates.

Please visit the [Michigan Mortality Statistics](#) webpage for more info.

Influenza-associated Pediatric Mortality

Number of Pediatric Flu Deaths in the U.S. and Michigan by Season, 2021-22 through 2024-25

	2021-22	2022-23	2023-24	2024-25
U.S. Total Source: CDC FluView	49	187	209	267
MI Total	1	8	8	14

Pediatric deaths due to influenza are required to be reported in Michigan. Please see:

- [Influenza-Related Pediatric Mortality Investigation and Reporting: Guidance for Medical Examiners, Pathologists and Healthcare Providers](#)

Influenza Sentinel Hospital Network (ISHN)

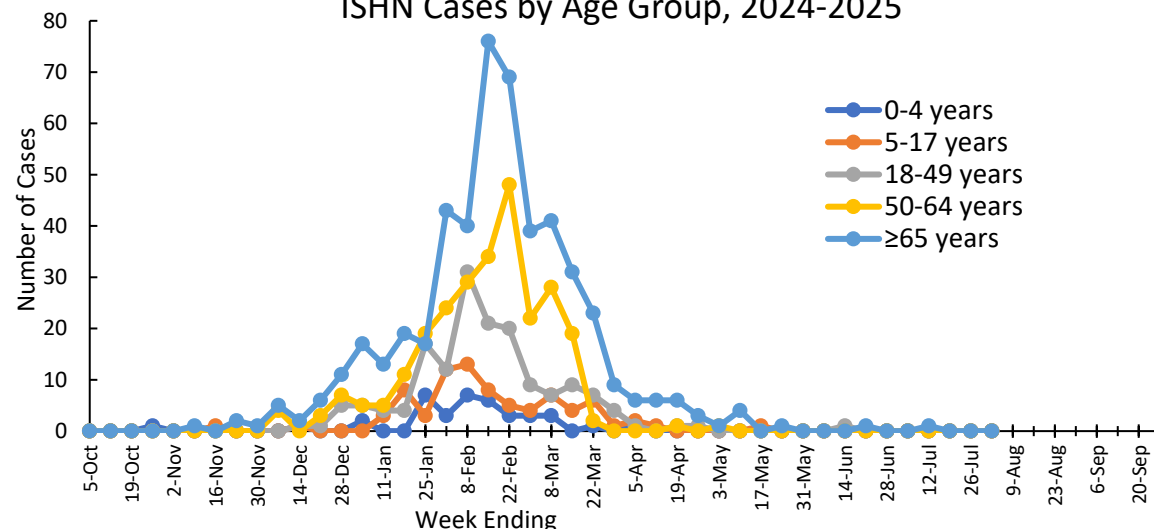
Join the ISHN! The [ISHN](#) is a voluntary group of hospitals in Michigan that complete a survey reporting weekly aggregates of influenza hospitalizations by age group. Data from this survey can help inform public health in rapidly recognizing changes in the age or geographic distribution of influenza in this population.

For more information on how to join, contact Val Tellez Nunez at TellezNunezV@michigan.gov

Number of Sites & Hospitalizations by Region during this time period:

	C	N	SE	SW	Total
Reporting Sites	4	1	0	5	10
Hospitalizations	0	0	0	0	0
Total Hospitalizations	0	0	0	0	0

ISHN Cases by Age Group, 2024-2025



Additional Resources

- [MDHHS Influenza Webpage](#) and [Influenza Surveillance in MI](#)
- [MDHHS Seasonal Respiratory Viruses Dashboard](#)
- [MDHHS Flu Vaccination Dashboard](#)
- [MDHHS Bureau of Laboratories \(BOL\) Webpage](#)
 - [Test Request Forms](#)
- [Immunization Action Coalition: Ask the Experts - Flu](#)
- [CDC FluView Report](#)

View Michigan Flu Focus Report archives [here](#).

MDHHS Contributors

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